

g nodes :
 8 9 10 11 12 13 22 23 24 25 26 27
 g/chain nodes :
 1 2 3 4 5 6 7 14 15 16 17 18 19 20 21 28 29 30 31 32 33 34 35 36 37
 g/chain bonds :
 1-2 1-5 1-6 2-3 3-4 4-7 7-8 9-14 10-17 13-35 14-15 15-16 17-18 18-19 19-20
 20-21 21-22 23-28 24-31 25-32 28-29 29-30 32-33 32-34 35-36 35-37
 g bonds :
 8-9 8-13 9-10 10-11 11-12 12-13 22-23 22-27 23-24 24-25 25-26 26-27
 ct/norm bonds :
 1-2 2-3 3-4 9-14 13-35 14-15 15-16 18-19 19-20 23-28 25-32 28-29 29-30 32-34
 35-37
 ct bonds :
 1-5 1-6 4-7 7-8 10-17 17-18 20-21 21-22 24-31 32-33 35-36
 malized bonds :
 8-9 8-13 9-10 10-11 11-12 12-13 22-23 22-27 23-24 24-25 25-26 26-27

ch level :
 1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
 20:CLASS 21:CLASS 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:CLASS
 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS

his

(FILE 'HOME' ENTERED AT 09:13:47 ON 12 AUG 2004)

FILE 'CAPLUS' ENTERED AT 09:13:59 ON 12 AUG 2004
STRUCTURE UPLOADED
S L1

FILE 'REGISTRY' ENTERED AT 09:14:50 ON 12 AUG 2004
11 S L1 FULL

FILE 'CAPLUS' ENTERED AT 09:14:54 ON 12 AUG 2004
3 S L2 FULL
0 S L3 AND POLYMORPHIC?
0 S L3 AND POLYMORPH?

strictly prohibited.

E COVERS 1907 - 12 Aug 2004 VOL 141 ISS 7
E LAST UPDATED: 11 Aug 2004 (20040811/ED)

This file contains CAS Registry Numbers for easy and accurate
substance identification.

Loading C:\STNEXP4\QUERIES\861.str

STRUCTURE UPLOADED

d11
HAS NO ANSWERS
STR

STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

s11 full
REGISTRY INITIATED
Structure data SEARCH and crossover from CAS REGISTRY in progress...
DISPLAY HITSTR (or PHITSTR) to directly view retrieved structures.

SEARCH INITIATED 09:14:50 FILE 'REGISTRY'
SCREEN SEARCH COMPLETED - 355524 TO ITERATE

100% PROCESSED 355524 ITERATIONS 11 ANSWERS
SEARCH TIME: 00.00.04

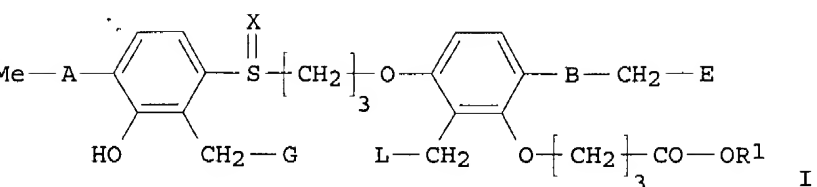
11 SEA SSS FUL L1

3 L2

d1-3 ibib abs hitstr

ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
SESSION NUMBER: 1995:39068 CAPLUS
DOCUMENT NUMBER: 123:169347
TITLE: preparation of phenylthiopropoxyphenyloxybutyric acid
derivatives as leukotriene antagonists
AUTHOR(S): Ohashi, Mitsuo; Hori, Wataru
PATENT ASSIGNEE(S): Kyorin Seiyaku Kk, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
UNIQUELY ACC. NUM. COUNT: 1
ADDITIONAL INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
JP 06100526	A2	19940412	JP 1992-273717	19920917
PRIORITY APPLN. INFO.:			JP 1992-273717	19920917
EXAMINER SOURCE(S):	MARPAT	123:169347		



AB Title derivs. I (A, B = CO, hydroxymethylene; E = H, OH, acetoxy; G, L = Et, acetyl, 1-hydroxyethyl, 2-hydroxyethyl, hydroxycarbonylmethyl, lower alkoxy carbonylmethyl; X = void, O, O₂; R¹ = H, lower alkyl; X = O, O₂ and B = hydroxymethylene when A = carbonyl, E = H, and G = L = Et) or their alkali salts, acting as strong antagonists for leukotrienes C₄, D₄, and E₄ and useful for antiasthmatics, are prepared Thus, treating 2'-hydroxy-3'-(2-hydroxypropyl)-4'-mercaptoacetophenone (prepared in 6 steps from 3-allyl-2,4-dihydroxyacetophenone) with Et 4-[6-acetyl-3-(3-bromopropoxy)-2-propylphenoxy]butyrate gave I (A = B = CO, E = H, G = 1-hydroxyethyl, L = Et, R¹ = Et, X = void).

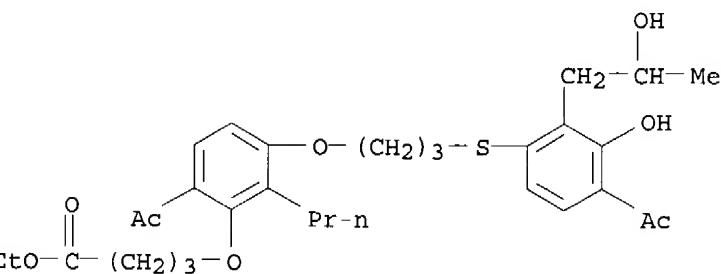
IT 167211-60-1P 167211-72-5P 167211-78-1P
167211-82-7P 167211-90-7P 167211-91-8P
167211-92-9P 167211-93-0P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of phenylthiopropoxyphenyloxybutyric acid derivs. as leukotriene antagonists)

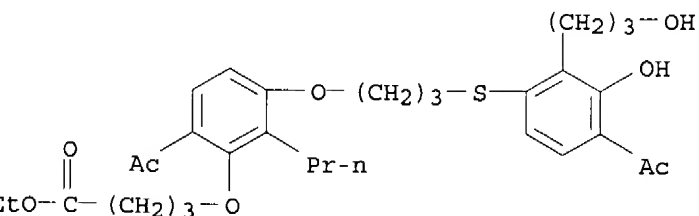
RN 167211-60-1 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-(2-hydroxypropyl)phenyl]thio]propoxy]-2-propylphenoxy]-, ethyl ester (9CI)
(CA INDEX NAME)



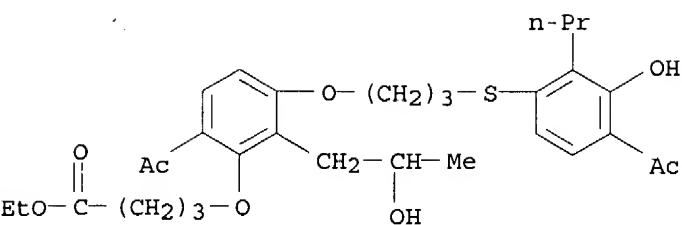
RN 167211-72-5 CAPLUS

CN Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-(3-hydroxypropyl)phenyl]thio]propoxy]-2-propylphenoxy]-, ethyl ester (9CI)
(CA INDEX NAME)

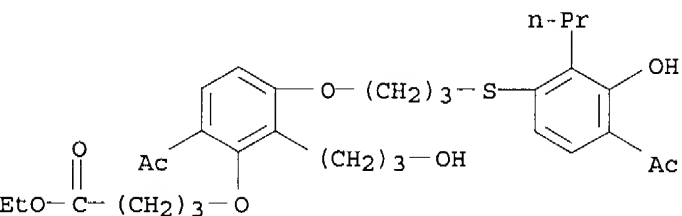


RN 167211-78-1 CAPLUS

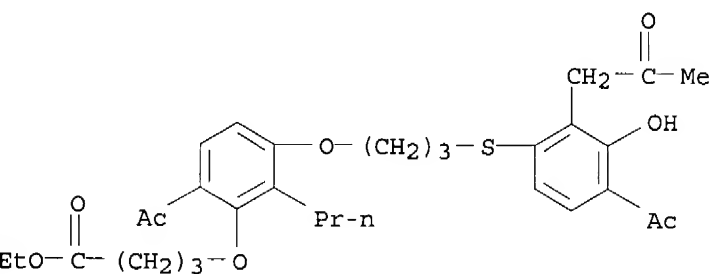
CN Butanoic acid, 4-[6-acetyl-3-[3-[[4-acetyl-3-hydroxy-2-propylphenyl]thio]propoxy]-2-(2-hydroxypropyl)phenoxy]-, ethyl ester (9CI)
(CA INDEX NAME)



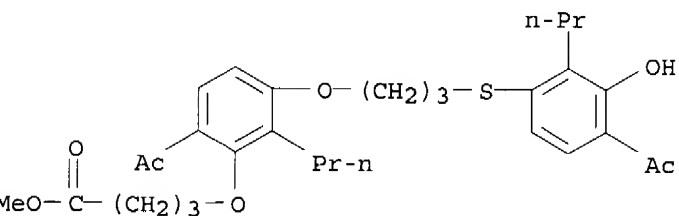
RN 167211-82-7 CAPLUS
 CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-(3-hydroxypropyl)phenoxy]-, ethyl ester (9CI)
 (CA INDEX NAME)



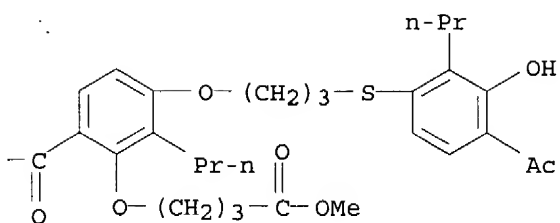
RN 167211-90-7 CAPLUS
 CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-(2-oxopropyl)phenyl)thio]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



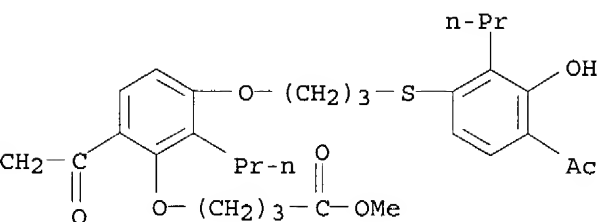
RN 167211-91-8 CAPLUS
 CN Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-2-propylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



RN 167211-92-9 CAPLUS
 CN Butanoic acid, 4-[3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-6-(chloroacetyl)-2-propylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)

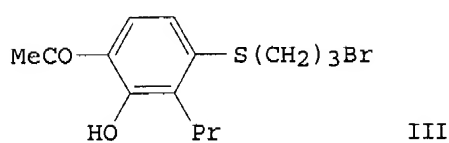
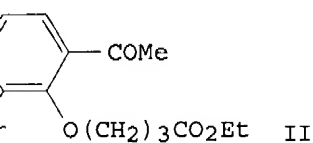
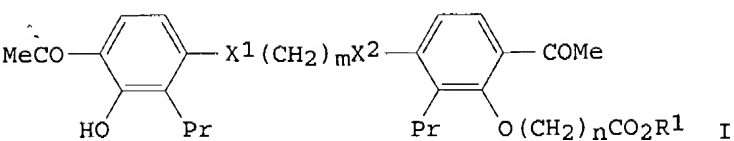


167211-93-0 CAPLUS
 Butanoic acid, 4-[3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-6-[(acetyloxy)acetyl]-2-propylphenoxy]-, methyl ester (9CI) (CA INDEX NAME)



ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
 SION NUMBER: 1990:138760 CAPLUS
 IENT NUMBER: 112:138760
 C: Preparation of phenoxyalkylcarboxylic acid derivatives
 as antiallergic agents
 TOR(S): Ohashi, Mitsuo; Awano, Katsuya; Tanaka, Toshio;
 Kimura, Tetsuya
 T ASSIGNEE(S): Kyorin Pharmaceutical Co., Ltd., Japan
 E: Eur. Pat. Appl., 32 pp.
 CODEN: EPXXDW
 IENT TYPE: Patent
 IAGE: English
 Y ACC. NUM. COUNT: 1
 IT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 332109	A1	19890913	EP 1989-103897	19890306
EP 332109	B1	19911204		
R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
JP 02001459	A2	19900105	JP 1989-38912	19890218
JP 07116125	B4	19951213		
US 4985585	A	19910115	US 1989-313900	19890223
AU 8930884	A1	19890907	AU 1989-30884	19890301
AU 617439	B2	19911128		
CA 1331763	A1	19940830	CA 1989-592555	19890302
HU 50112	A2	19891228	HU 1989-1039	19890303
HU 204030	B	19911128		
HU 208418	B	19931028	HU 1991-2410	19890303
HU 208524	B	19931129	HU 1991-2411	19890303
ES 2045219	T3	19940116	ES 1989-103897	19890306
CN 1036560	A	19891025	CN 1989-101301	19890307
CN 1022407	B	19931013		
ITY APPLN. INFO.:			JP 1988-53374	19880307
			HU 1989-1039	19890303
SOURCE(S):	MARPAT 112:138760			



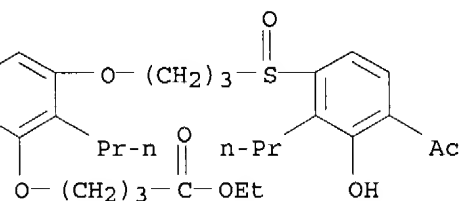
The title compds. (I; R1 = H, Me, Et; X1, X2 = O, S, SO, SO2; X1 = X2 ≠ O; m = 2-5; n = 3-8), useful as antiallergic agents, are prepared. A mixture of phenoxybutyrate II, bromopropyl thioether III, KI, and K2CO3 in Me2CO was refluxed to give 72.4% I (R1 = Et, X1 = S, X2 = O, m = n = 3). I showed 66.7-96.2% inhibition of leukotriene D4-induced bronchoconstriction at 50 mg/kg p.o. in guinea pigs. Addnl. 70 I were also prepared.

125961-80-0P 125961-81-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of, as antiallergic agent)

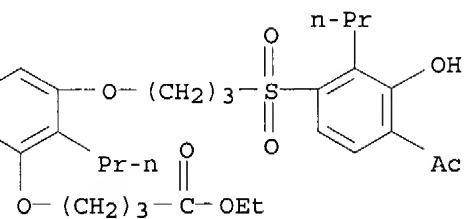
125961-80-0 CAPLUS

Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)sulfinyl]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



125961-81-1 CAPLUS

Butanoic acid, 4-[6-acetyl-3-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)sulfonyl]propoxy]-2-propylphenoxy]-, ethyl ester (9CI) (CA INDEX NAME)



ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

SION NUMBER: 1983:575604 CAPLUS

ENT NUMBER: 99:175604

: Anti-SRS-A carboxylic acid derivatives and pharmaceutical formulations containing them

TOR(S): Bantick, John Raymond

T ASSIGNEE(S): Fisons Ltd., UK

E: Eur. Pat. Appl., 67 pp.

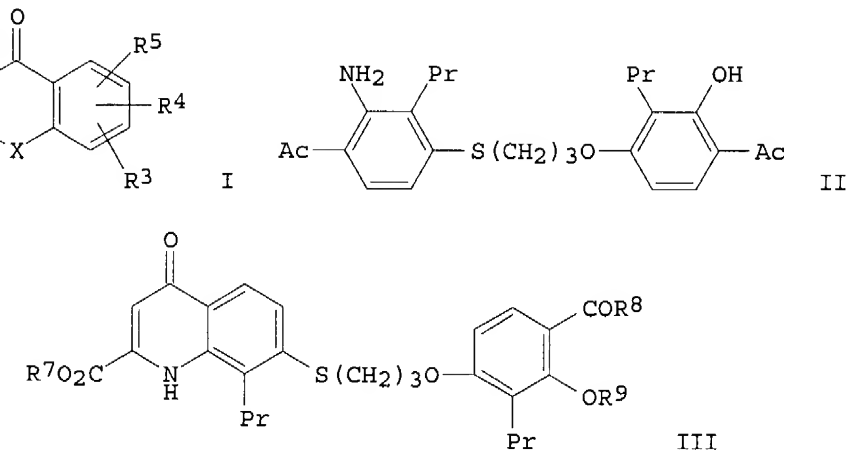
CODEN: EPXXDW

ENT TYPE: Patent

AGE: English

Y ACC. NUM. COUNT: 1
T INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 79637	A1	19830525	EP 1982-201368	19821101
EP 79637	B1	19870128		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
US 4474788	A	19841002	US 1982-438163	19821101
AT 25251	E	19870215	AT 1982-201368	19821101
JP 58090557	A2	19830530	JP 1982-196883	19821111
ITY APPLN. INFO.:			GB 1981-34186	19811112
			EP 1982-201368	19821101



Anti-allergy (no data) bicyclic compds. I [R, R1 = H, alkyl; RR1 = bond; R2 = CO2H, carboxyalkyl; R3 = substituted OH, SH, NH2; R4, R5 = H, halogen, (un)substituted OH, NH2, alkyl, acyl; X = S, O, NR6 (R6 = H, alkyl)] were prepared. Thus, 3,2,4-Pr(HO)2C6H2Ac reacted with 4,2,3-AcPr(H2N)C6H2S(CH2)3Br to give phenol II, which cyclized with EtO2CCO2Et to give quinoline III [R7 = Et, R8R9 = CH:C(CO2Et)]. The latter compound gave III (R7 = H, R8 = Me, R9 = H) on hydrolysis.

87472-34-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and hydrolysis of)

87472-34-2 CAPLUS

4H-1-Benzopyran-2-propanoic acid, 7-[3-[(4-acetyl-3-hydroxy-2-propylphenyl)thio]propoxy]-4-oxo-8-propyl-, ethyl ester (9CI) (CA INDEX NAME)

